

Title (en)
Compact packet based multimedia interface

Title (de)
Kompakte paketbasierte Multimedia-Schnittstelle

Title (fr)
Interface multimédia compacte basée de paquets

Publication
EP 1986183 A1 20081029 (EN)

Application
EP 08155263 A 20080428

Priority
US 74085907 A 20070426

Abstract (en)
A packet based display interface arranged to couple a multimedia source device to a multimedia sink device is disclosed that includes a transmitter unit coupled to the source device arranged to receive a source packet data stream in accordance with a native stream rate, a receiver unit coupled to the sink device, and a linking unit coupling the transmitter unit and the receiver unit arranged to transfer a multimedia data packet stream formed of a number of multimedia data packets based upon the source packet data stream in accordance with a link rate between the transmitter unit and the receiver unit.

IPC 8 full level
G06F 3/14 (2006.01); **G06F 3/153** (2006.01); **G09G 3/20** (2006.01); **G09G 3/36** (2006.01); **G09G 5/00** (2006.01); **H04L 12/56** (2006.01); **H04N 5/44** (2006.01); **H04N 5/765** (2006.01); **H04N 7/00** (2006.01)

CPC (source: EP KR US)
G06F 3/14 (2013.01 - EP US); **G09G 5/006** (2013.01 - EP US); **H04L 9/40** (2022.05 - KR); **H04L 69/32** (2013.01 - KR); **G09G 2370/042** (2013.01 - EP US); **G09G 2370/047** (2013.01 - EP US); **G09G 2370/10** (2013.01 - EP US)

Citation (applicant)
US 4486739 A 19841204 - FRANSZKEZ PETER A [US], et al

Citation (search report)
• [X] US 2004218598 A1 20041104 - KOBAYASHI OSAMU [US]
• [X] KOBAYASHI: "DisplayPort Technical Overview", WHITE PAPER, 26 June 2006 (2006-06-26), XP002485279, Retrieved from the Internet <URL:http://web.archive.org/web/20060726222849/http://gnss.com/technology/DisplayPort+Technical+Overview+White+Paper.pdf> [retrieved on 20080623]

Designated contracting state (EPC)
DE FR GB NL

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
US 2007201492 A1 20070830; US 8204076 B2 20120619; CN 101295493 A 20081029; CN 101295493 B 20130918; EP 1986183 A1 20081029; JP 2008278488 A 20081113; JP 5269469 B2 20130821; KR 101399780 B1 20140527; KR 20080096401 A 20081030; SG 147380 A1 20081128; TW 200907920 A 20090216; US 2012229486 A1 20120913; US 8767777 B2 20140701

DOCDB simple family (application)
US 74085907 A 20070426; CN 200810095948 A 20080425; EP 08155263 A 20080428; JP 2008115112 A 20080425; KR 20080037512 A 20080423; SG 2008027492 A 20080410; TW 97115376 A 20080425; US 201213476894 A 20120521